###US1 07/21/0



CERTIFICATE OF EXPRESS MAILING

Thereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on <u>July 20, 2000</u> in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number EK334059856US, addressed to BOX PATENT APPLICATION, Hon. Commissioner

for Patents and Trademarks, Washington, DC 20231.

Douglas A. Cave

1/00,2000

Attorney Docket No.: P113US1

First Named Inventor: David J. Gesbert



UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))

BOX PATENT APPLICATION

Assistant Commissioner for Patents

Box Patent Application

Washington, DC 20231

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:

- 1) David J. Gesbert
- 2) Peroor K. Sebastian
- 3) Vinko Erceg
- 4) Victor Shtrom
- 5) Sanjay Kasturia
- 6) Arogyaswami J. Paulraj

For: SPATIAL SEPARATION AND MULTI-POLARIZATION OF ANTENNAE IN A WIRELESS CELLULAR NETWORK

Application Elements:

	** 36 Pages of Specification, Claims and Abstract
\boxtimes	** 9 Sheets of formal Drawings

** 4 Pages Combined Declaration and Power of Attorney (Duly Executed)

Accompanying Application Parts:

	Assignment and Assignment Recordation Cover Sheet (recording fee of \$40.00 enclosed)
	37 CFR 3.73(b) Statement by Assignee
X	Return Receipt Postcard

Small Entity Statement(s)
Other:

Fee Calculation (37 CFR § 1.16)

	(Col. 1)	(Col. 2)	SMALI	ENTITY	OR	LARGE ENTITY
	NO. FILED	NO. EXTRA	RATE	<u>FEE</u>		RATE FEE
BASIC FEE	\$345 +		\$345	\$345	OR	\$690 \$
TOTAL CLAIMS	3120 =	11_	x = 9 = 3	\$99	OR	x 18 = \$
INDEP CLAIMS	403 =	1	x 39 = 3	\$39	OR	x 78 =\$
[] Multiple Dependent Claim Presented				\$	OR	\$260 =\$
* If the difference in Col. 1 is less			Total 3	\$483	OR	Total \$
than zero, enter "0" i	n Col. 2					

General Authorization for Petition for Extension of Time (37 CFR §1.136)

Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings.

Please send correspondence to the following address:

Patent Department Gigabit Wireless 3099 N. First Street San Jose, CA 95134 (408) 232-7500

Date: July 20 , 2000 Brian R. Short, Esq.
Reg. No. 41,309